

Introduction to and Objectives of the Final Workshop, 21-23 June 2010

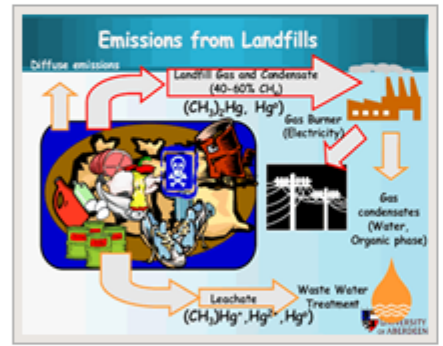
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Web-access - Mercury Issues

- Harmonized appearance of UNEP \Rightarrow all web pages will migrate to www.unep.org;
- Activities related to mercury by UNEP Chemicals can be accessed from <http://www.unep.org/hazardoussubstances/Mercury/tabid/434/language/en-US/Default.aspx> ;
- Contained are:
 - Information related to negotiation process
 - Information related to Mercury Partnership

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Waste management



The management of mercury and mercury-containing waste is the last step in the product life-cycle.

The elimination of mercury in products and processes may be the most efficient way to avoid the presence of any form of mercury in waste.

While mercury is being phased down from products and processes, there is still a need to manage mercury from this end of the product life-cycle.

Partnership Area Lead



Ministry of the Environment, Japan
Professor Tanaka

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Activities & Projects

Mercury Waste Management Area

The Ministry of Environment Japan leads this partnership area since 2008. Annual face-to-face meetings have been held in 2009 and 2010

- Report and presentations from 2nd Partnership Meeting (Tokyo, 2010)
- Report and presentations from 1st Partnership Meeting (Tokyo, 2009)

Projects

UNEP Chemicals is implementing projects to assist countries in the environmentally sound management of mercury waste

- 5-Country waste management project (2008-2010)
- Technical and economic assessment of mercury-containing tailings (2009)

Technical Guidelines developed under the Basel Convention


Following decision VIII/33 of the Conference of the Parties (COP) to the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal, technical guidelines are under development. The latest version is available from www.basel.int/techmatters/mercury/guidelines/5th-13May2010.doc

<http://www.unep.org/hazardoussubstances/Mercury/InterimActivities/Partnerships/WasteManagement/3535/language/en-US/Default.aspx>

Further Resources



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Waste Management Project

This project deals with the management of mercury and mercury-containing waste and will contribute to the UNEP priority area on harmful substances and hazardous waste under its Medium Term Strategy with the ultimate goal of minimizing the impact of harmful substances and hazardous waste to the environment and human beings.

The objectives of the project, which is executed by Chemicals Branch and funded by the Government of Norway, are:

- (1) to increase the technical capacity of selected countries and other stakeholders in assessing, managing and reducing the risks to human health and the environment posed by mercury and mercury-containing waste, and in doing so,
- (2) to test the applicability of the Draft Technical Guidelines on Environmentally Sound Management of Mercury Waste

This project builds on the results of the national mercury inventories that have been developed using the "UNEP Toolkit for Identification and Quantification of Mercury Releases."

Participating countries are Burkina Faso, Cambodia, Chile, Pakistan, and Philippines.

- **Project document:** Project approved and Annex (country information)


Global activities

- Final results workshop 2010 (Aberdeen, UK)

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Global activities

- Final results workshop 2010 (Aberdeen, UK)
- Inception workshop 2009 (Siem Reap, Cambodia):

National workshops and activities:

- Burkina Faso national workshop 2009 - English and French
- Cambodia national workshop 2009
- Chile national workshop 2009
- Pakistan national workshop 2009
- Philippines national workshop 2010

This project will be complemented by a "sister" project presently developed by the Secretariat of the Basel Convention involving four countries from the Latin American region (GRULAC).

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Negotiation Schedule

- INC 1: 7-11 June 2010, Stockholm, Sweden
- INC 2: 24-28 January 2011, Chiba, Japan
- INC 3: 31 Oct– 4 Nov 2011, Burkina Faso?
- INC 4 June 2012, Montevideo, Uruguay
- INC 5: 4-8 Feb or 18-22 Feb 2013: Brazil or Geneva, Switzerland
(just before GC27, end of February)
- Diplomatic Conference: 3rd quarter 2013

Project Schedule

- March 2009 – Inception workshop
- Apr 2009-May 2010 – National activities
- 21-23 June 2010 – Final workshop
WS report to be issued
- 30 June 2010 – Final date of the project
Needs:
 - Final technical reports
 - Substantive and certified financial reports.

Project WebSite

- The WebSite is under the Mercury Waste Management Partnership Area;
- It contains a global component, *i.e.*, inception and final workshops, final report
- It contains a national component:
Each participating country to provide information on national activities; *e.g.*, national inception and national final workshops, waste management plan

Layout of Final Report

1. Introduction
2. Institutional Arrangements (Project Management)
3. Related or Complementary Activities
INC process, Global Mercury Partnership, Mercury Issues under Basel Convention
4. Global Workshops and Baseline at Project Start
Inception Workshop, March 2009 and Final Workshop, June 2010
5. Chemical Analysis of Mercury: Objectives of Sampling, Analytical Methods
6. Project Activities by Country
Burkina Faso, Cambodia, Chile, Pakistan, Philippines, International Consultant,
Mercury Expert Laboratory
6.8 Additional Achievements – Not Listed in the Project Document
7. Reach Out Activities and Publications
8. Conclusions / Recommendations
Technical Conclusions, Results in International Context,
Recommendations/Comments on Draft Basel ESM Guidelines, Summary of
Observations
9. Annex –National and International Reports

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Technical and economic assessment of mercury-containing tailings (2009)

The Mercury Waste Management project is amended by a technical/chemical and economic assessment of mercury-containing and mercury-contaminated tailings from the mining sector in developing countries. A feasibility study is undertaken in at least two developing countries that produced/produce precious metals or mercury and are left with mercury-containing tailings.

In the mining sector, mercury has two roles:

1. Mercury is extracted from cinnabar as a sellable product
2. Mercury is used in the extraction of precious metals such as gold, silver, copper and others


The project produced the following outputs:

- Report on technical and economic criteria for processing mercury-containing tailings (April 2010)
- Chile feasibility study
- Ghana feasibility study

Further Resources



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Related Activity - Tailings

United Nations Environment Programme

“Management of mercury and mercury-containing waste”

Project Title:

“Mercury Analysis in hair samples from workers in contaminated environments”

Final Technical Report

December 2009



Technical and Economic Criteria for Processing Mercury- Containing Tailings

Final Report

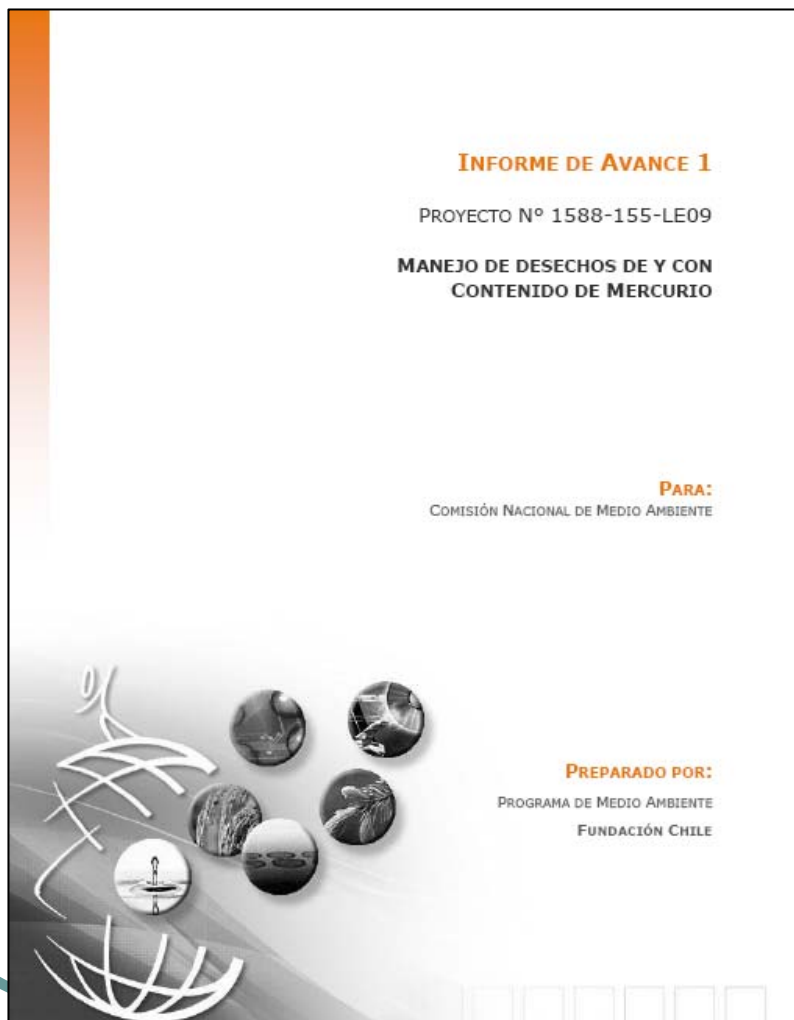
United Nations Environment Programme
Division of Division of Technology, Industry, and Economics
Chemicals Branch

April 2010

IOMC

UNITED NATIONS PROGRAMME FOR THE SOUND MANAGEMENT OF CHEMICALS
A cooperative agreement among UNEP, ILO, FAO, WHO, UNIDO, UNFPA and OCEC

National Reports - Tailings



Report from Ghana – not yet received

Report from international consultant available – format?

Follow-up

- Comments to SBC on Draft Hg ESM Guidelines;
- Participation in the Waste Management Partnership Area;
- SAICM QSP projects: up to USD 250,000 for single country, multi-country, NGO projects;
- GEF projects:
 - 10 mio USD to support the negotiations
 - All issues to be covered
 - Two years period until INC5 (01/2011-12/2012)



Thank you

